

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South Fir St., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

DISTRICT IV

2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A

Revised March 17, 1999

APPROVAL PROCESS:

☒ Administrative
☐ Hearing

EXISTING WELLBORE

☐ YES ☒ NO

Conoco Inc.

P.O. Box 2197 DU#3066 Houston, TX 77252-2197

Operator

San Juan 28-7 Unit

Address

Section 10, T-28N, R-7-W

Rio Arriba, NM

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code N/A API NO. N/A Federal State (and/or) Fee

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone Blanco Mesaverde 72319	Intermediate Zone	Lower Zone San Dakota 71599
	2. Top and Bottom of Pay Section (Perforations)	4955' - 5555'	AUG 09 1999
3. Type of production (Oil or Gas)	Gas	OIL CON. DIV.	Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to flow	DIST. 3	Expected to flow
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 540 b. (Original) 1250	a. b.	a. 790 b. 1129
6. Oil Gravity (EAPI) or Gas BTU Content	1250		1120
7. Producing or Shut-In?	To be completed		To be completed
Production Marginal? (yes or no)	Expected yes		Expected yes
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates: est. 650mcf + 1bopd	Date: Rates:	Date: Rates: est. 550mcf + 1bopd
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	To be determined Oil: % Gas: %	Oil: % Gas: %	To be determined Oil: % Gas: %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____

16. ATTACHMENTS:

- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deborah Moore TITLE Regulatory Analyst DATE 07/22/99TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 293-1005

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OIL CON. DIV.
DIST. 3

P.O. Box 2197 DU #3066 Houston, TX 77252-2197

San Juan 28-7 Unit
Lease

247M

Address

Section 11, T-28-N, R-7-W

Rio Arriba, NM

Well No.

Unit Ltr. - Sec - Twp - Rge

County
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code N/A API NO. N/A

Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone Blanco Mesaverde 72319	Intermediate Zone	Lower Zone Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	4550' - 5550'		7178' - 7428'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to flow		Expected to flow
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 540 b. (Original) 1250	a. b.	a. 790 b. 3150
6. Oil Gravity (EAPI) or Gas BTU Content	1250		1120
7. Producing or Shut-In?	To be completed		To be completed
Production Marginal? (yes or no) * If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Expected yes Date: Rates: est. 650mcfd + 1bopd	Date: Rates:	Date: Rates: est. 550 mcfd + 1bopd
8. Fixed Percentage Allocation Formula - % for each zone (total of %s to equal 100%)	To be determined by test Oil: % Gas: %	Oil: % Gas: %	To be determined by test Oil: % Gas: %

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SIGNATURE Deborah Moore TITLE Regulatory Analyst DATE 07/22/99

TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 293-1005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *
200 OCT 16 AM 9:05

5. LEASE DESIGNATION AND SERIAL NO. SF-079289
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT
8. FARM OR LEASE NAME, WELL NO. #235M
9. API WELL NO. 30-039-26224
10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 10, T28N-R7W
12. COUNTY OR PARISH RIO ARriba COUNTY
13. STATE NM
14. PERMIT NO.
DATE ISSUED
15. DATE SPUNDED 9/5/00
16. DATE T.D. REACHED
17. DATE COMPL. (Ready to prod.) 10/9/00
18. ELEV. (OF, RKB, RT, GR, ETC) * 6580'
19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7810'
21. PLUG, BACK T.D. MD. & TVD 7810'
22. IF MULTIPLE COMPL. HOW MANY *
23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * BLANCO MESA VERDE 4954' - 5635'
25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN
27. WAS WELL CORED

CASING RECORD (Report all strings set in well)				TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE			
9-5/8"	36#/J-55	288'	12-1/4"		144 SX	
7"	20#/J-55	3446'	8-3/4"		570 SX	
4-1/2"	10.5#/J-55	7804'	6-1/4"		406 SX	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7554'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

SEE SUBSEQUENT SUNDRY FOR COMPLETION DETAILS

33. * PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)		DHC#2443, NSL#4393			
10/9/00		FLOWING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
10/5/00	24 HRS	1/2"		2	1708 MCFPD	10	
FLOW. TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
259#	650#		2	1708 MCFPD	10		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED
35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Debra Sittner TITLE DEBRA SITTNER, As Agent for Conoco Inc. DATE 10/12/00

(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

OPERATOR

Received Fax Copy
3-2-01
OCD # 3

GAS WELL CONNECTION, RECONNECTION, OR DISCONNECTION NOTICE

This is to notify the Oil Conservation Division of the following:

Connection	X	First Delivery	04-25-94	Date	Initial Potential
Reconnection		First Delivery		Date	Initial Potential
Disconnection				Date	

for delivery of gas from the

Operator Meridian Oil Inc.
Huerfano U #500
Lease

Meter Code	97646	Site Code	08878-01	Well No.	500	Unit Letter	M	S-T-R	30-26-09
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Basin Fruitland Coal
Pool

was made on 04-25-94
Date

AOB
Choke

County	
Land Type	
Liq. Transporter	

UCD use only

ILLUSTRATIONS:

Each transporter of gas from a protected gas well shall submit this form in triplicate to the appropriate district office of the Division within 30 days following the connection, reconnection, or disconnection of a well from their gathering/transportation system, in accordance with Rule 1104, Rule 135, and R-8170 as amended.

RECEIVED
MAY 17 1994
OIL CON. DIV.
DIST. 3

EL PASO NATURAL GAS COMPANY

Transporter

Signature of Transporter Representative

ED MARCUM, MEASUREMENT SPECIALIST

Printed Name and Title

BOX 4990, FARMINGTON NM 87499, (505)599-2128

Address and Telephone Number

CONOCO
San Juan 28-7 Unit #235M Formation Tops
Unit Ltr. J - Sec. 10-T28N-R7W, Rio Arriba Co., NM.

Ojo Alamo	2180	4412
Kirtland	2345	4247
Fruitland Fm.	2995	3597
Pictured Cliffs	3318	3274
Lewis	3477	3115
Chacra	4272	2320
Cliffhouse	4952	1640
Menefee	5126	1466
Point Lookout	5510	1082
Mancos	5986	606
Gallup	6782	190
Greenhorn	7450	-858
Graneros	7512	-920
Two Wells	7551	-959
Paguate	7670	-1078
Cubero	7700	-1108
TD	7810	

GAS WELL CONNECTION, RECONNECTION, OR DISCONNECTION NOTICE

This is to notify the Oil Conservation Division of the following:

Connection	X	First Delivery	04-25-94	Initial Potential					
Reconnection		First Delivery		Initial Potential					
Disconnection									
For delivery of gas from the									
Operator									
Huertano U #500									
Lease									
Meter Code	97646	Site Code	08878-01	Well No.	500	Unit Letter	M	S-T-R	30-26-09
Basin					Fruitland Coal				
Pool									

was made on 04-25-94

AOF Choke

Oil Conservation Division
County
Land Type
Liq. Transporter

FILING INSTRUCTIONS:

Each transporter of gas from a protected gas well shall submit this form in triplicate to the appropriate district office of the Division within 30 days following the connection, reconnection, or disconnection of a well from its gas gathering/transportation system, in accordance with Rule 1104, Rule 135, or 4 R-8170 as amended.

EL PASO NATURAL GAS COMPANY
Transporter
Signature of Transporter Representative
ED MARCUM, MEASUREMENT SPECIALIST
Printed Name and Title
BOX 4990, FARMINGTON NM 87499, (505)599-2128
Address and Telephone Number

RECEIVED
MAY 1 1994
OIL CONSERVATION DIVISION